

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1488.0360000/EKS/PAJAPPLICATION NO.
10/035,212APPLICANT
RUBEN *et al.*FILING DATE
January 4, 2002GROUP
1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>ms</i>	AA2	5,863,767	01/26/1999	Gospodarowicz <i>et al.</i>	435	694	06/06/1995
<i>ms</i>	AB2	6,077,692	06/20/2000	Ruben <i>et al.</i>	435	69.4	02/13/1998
<i>ms</i>	AC2	6,238,888 B1	05/29/2001	Gentz <i>et al.</i>	435	69.4	12/22/1998
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>ms</i>	AL2	WO 94/22427	10/13/1994	WIPO			Yes No
<i>ms</i>	AM2	WO 94/23032	10/13/1994	WIPO			Yes No
<i>ms</i>	AN2	WO 95/01434	01/12/1995	WIPO			Yes No
<i>ms</i>	AO2	WO 95/03831	02/09/1995	WIPO			Yes No
<i>ms</i>	AP2	WO 95/24928	09/21/1995	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>ms</i>	AR	2	Hartung, H. <i>et al.</i> , "Assignment of <i>Fgf12</i> to mouse chromosome bands 16B1-B3 in situ hybridization," <i>Cytogenet. Cell Genet.</i> 76:185-186, Karger A.G. (April 1997).
<i>ms</i>	AS	2	Jimenez, P. <i>et al.</i> , "Effect of Topical Keratinocyte Growth Factor-2 on Wound Healing In A Glucocorticoid-Impaired Model," <i>J. Cutan. Pathol.</i> 24:105, The American Society of Dermatopathology, Munksgaard (February 1997).
<i>ms</i>	AT	2	Jimenez, P.A. <i>et al.</i> , "Effect of Keratinocyte Growth Factor-2 on Cell Proliferation <i>In Vivo</i> ," <i>FASEB J.</i> 11:A523, Abstract No. 3025, Federation of American Societies for Experimental Biology (April 1997).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
mm	AL3	WO 95/24928 A3	10/12/1995	WIPO			Yes No
	AM3	JP 7-345689	12/07/1995	Japan			X Yes No
	AN3	JP 8-103240	03/28/1996	Japan			X Yes No
	A03	WO 96/11949	04/25/1996	WIPO			Yes No
mm	AP3	WO 96/11950	04/25/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

mm	AR	3	Jimenez, P.A. and Rampy, M.A., "Keratinocyte Growth Factor-2 Accelerates Wound Healing in Incisional Wounds," <i>J. Surg. Res.</i> 81:238-242, Academic Press, Inc. (February 1999).
	AS	3	Kelley, M. J. <i>et al.</i> , "Emergence of the keratinocyte growth factor multigene family during the great ape radiation," <i>Proc. Natl. Acad. Sci. USA</i> 89:9287-9291, National Academy of Sciences of the USA (1992).
mm	AT	3	Mason, I.J. <i>et al.</i> , "FGF-7 (keratinocyte growth factor)-expression during mouse development suggests roles in myogenesis, forebrain regionalisation and epithelial-mesenchymal interactions," <i>Mech. Dev.</i> 45:15-30, Elsevier Science Ireland Ltd. (January 1994).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
mm	AL4	WO 96/11951	04/25/1996	WIPO			Yes No
	AM4	WO 96/11952	04/25/1996	WIPO			Yes No
	AN4	JP 8-214378	07/24/1996	Japan			X Yes No
	AO4	WO 96/22369	07/25/1996	WIPO			Yes No
mm	AP4	WO 96/25422	08/22/1996	WIPO			Yes No

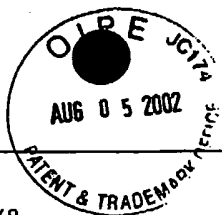
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

mm	AR	4	Miyamoto, M. <i>et al.</i> , "Molecular Cloning of a Novel Cytokine cDNA Encoding the Ninth Member of the Fibroblast Growth Factor Family, Which Has a Unique Secretion Property," <i>Mol. Cell. Biol.</i> 13(7):4251-4259, American Society for Microbiology (1993).
	AS	4	Ngo, J.T. <i>et al.</i> , "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," in: <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , Merz, Jr., K. and Le Grand, S., eds., Birkhauser, Boston, Massachusetts, pp. 491-495 (1994).
mm	AT	4	Robson, B. and Garnier, J., "Modern ideas and notations relating to primary structure," in: <i>Introduction to Protein Engineering</i> , Robson, B. and Garnier, J., eds., Elsevier Science, Amsterdam, The Netherlands, p. 41 (1986).

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	AL5	WO 97/20929	12/06/1997	WIPO			X Yes No
	AM5	WO 98/06844	02/19/1998	WIPO			Yes No
	AN5	WO 98/16642	04/23/1998	WIPO			Yes No
	AO5	WO 98/16243	04/23/1998	WIPO			Yes No
	AP5	GB 2 321 852 A	08/12/1998	Great Britain			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	5	Ron, D. <i>et al.</i> , "Expression of Biologically Active Recombinant Keratinocyte Growth Factor," <i>J. Biol. Chem.</i> 268(4):2984-2988, American Society for Biochemistry and Molecular Biology, Inc. (1993).
	AS	5	Wells, J.A., "Additivity of Mutational Effects in Proteins," <i>Biochemistry</i> 29:8509-8517, American Chemical Society (1990).
	AT	5	Yamasaki, M. <i>et al.</i> , "Structure and Expression of the Rat mRNA Encoding a Novel Member of the Fibroblast Growth Factor Family," <i>J. Biol. Chem.</i> 271:15918-15921, The American Society for Biochemistry and Molecular Biology, Inc. (July 1996).

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mm	AL6	JP 10-330283	12/15/1998	Japan			Yes Abstract No
	AM6	JP 10-330284	12/15/1998	Japan			Yes Abstract No
	AN6	JP 10-330285	12/15/1998	Japan			Yes Abstract No
	AO6	WO 99/32135	07/01/1999	WIPO			Yes No
	AP6	WO 99/41282	08/19/1999	WIPO			Yes No

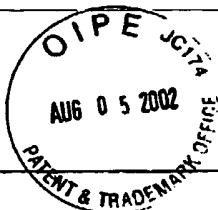
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	6	Yan, G. <i>et al.</i> , "Sequence of Rat Keratinocyte Growth Factor (Heparin-Binding Growth Factor Type 7)," <i>In Vitro Cell. Dev. Biol.</i> 27A:437-438, Tissue Culture Association (1991).
	AS	6	NCBI Entrez, GenBank Report with Revision History, Accession No. M79878, McCombie, W.R. <i>et al.</i> (1992).
mm	AT	6	NCBI Entrez, GenBank Report with Revision History, Accession No. T52063, Hillier, L. <i>et al.</i> (February 1995).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
mm	AL7	WO 00/72872	12/07/2000	WIPO			Yes No
mm	AM7	WO 01/02433	01/11/2001	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
mm	AR	I	NCBI Entrez, GenBank Report with Revision History, Accession No. D46201, Sasaki, T. <i>et al.</i> (August 1995).
	AS	I	NCBI Entrez, GenBank Report with Revision History, Accession No. D46420, Sasaki, T. <i>et al.</i> (August 1995).
mm	AT	I	NCBI Entrez, GenBank Report with Revision History, Accession No. D54216, Fujiwara, T. <i>et al.</i> (September 1995).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>8</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. D68729, Kohara, Y. <i>et al.</i> (December 1995).
	AS	<u>8</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. D69248, Kohara, Y. <i>et al.</i> (December 1995).
	AT	<u>8</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. D65627, Kohara, Y. <i>et al.</i> (December 1995).

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	AL						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	NCBI Entrez, GenBank Report with Revision History, Accession No. D66221, Kohara, Y. <i>et al.</i> (December 1995).
	AS	2	NCBI Entrez, GenBank Report with Revision History, Accession No. C02000, Okubo, K. (July 1996).
	AT	2	NCBI Entrez, GenBank Report with Revision History, Accession No. W29377, Marra, M. <i>et al.</i> (September 1996).

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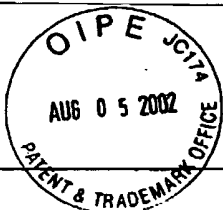
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MMB	AR	10	NCBI Entrez, GenBank Report with Revision History, Accession No. W32720, Hillier, L. <i>et al.</i> (October 1996).
	AS	10	NCBI Entrez, GenBank Report with Revision History, Accession No. W60824, Hillier, L. <i>et al.</i> (October 1996).
MMB	AT	10	NCBI Entrez, GenBank Report with Revision History, Accession No. T70682, Shen, B. <i>et al.</i> (October 1996).

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<i>MB</i>	AR	<u>11</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA094753, Liew, C.C. (October 1996).
	AS	<u>11</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA133331, Hillier, L. <i>et al.</i> (November 1996).
<i>MB</i>	AT	<u>11</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA190058, Marra, M. <i>et al.</i> (January 1997).

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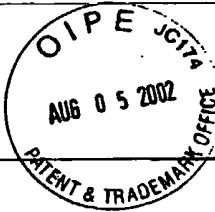
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	AR	12	NCBI Entrez, GenBank Report with Revision History, Accession No. AA018953, Hillier, L. <i>et al.</i> (January 1997).
	AS	12	NCBI Entrez, GenBank Report with Revision History, Accession No. AA240978, Marra, M. <i>et al.</i> (March 1997).
	AT	12	NCBI Entrez, GenBank Report with Revision History, Accession No. AA289560, Marra, M. <i>et al.</i> (April 1997).

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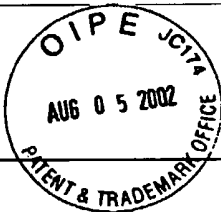
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<i>mm</i>	AR	<u>13</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA296993, Adams, M.D. <i>et al.</i> (April 1997).
	AS	<u>13</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA298937, Adams, M.D. <i>et al.</i> (April 1997).
<i>mm</i>	AT	<u>13</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA312184, Adams, M.D. <i>et al.</i> (April 1997).

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mm	AR	14	NCBI Entrez, GenBank Report with Revision History, Accession No. AA312483, Adams, M.D. <i>et al.</i> (April 1997).
	AS	14	NCBI Entrez, GenBank Report with Revision History, Accession No. AA356781, Adams, M.D. <i>et al.</i> (April 1997).
mm	AT	14	NCBI Entrez, GenBank Report with Revision History, Accession No. AA412789, Marra, M. <i>et al.</i> (May 1997).

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	AR	<u>15</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA472256, Marra, M. <i>et al.</i> (June 1997).
	AS	<u>15</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. U67918, Jimenez, P.A. <i>et al.</i> , National Center for Biotechnology Information (July 1997).
	AT	<u>15</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. C38464, Kohara, Y. <i>et al.</i> (September 1997).

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1488.0360000/EKS/PAJ

APPLICATION NO.
10/035,212

APPLICANT
RUBEN *et al.*

FILING DATE
January 4, 2002

GROUP
1642




U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AP						Yes No

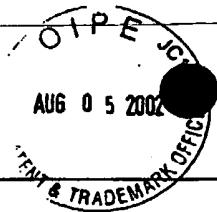
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>16</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. C56505, Kohara, Y. <i>et al.</i> (September 1997).
	AS	<u>16</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. C57074, Kohara, Y. <i>et al.</i> (September 1997).
	AT	<u>16</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. C58558, Kohara, Y. <i>et al.</i> (September 1997).

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	AP						Yes No

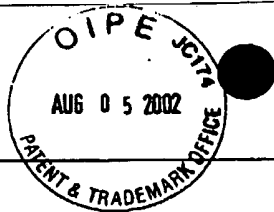
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MS	AR	17	NCBI Entrez, GenBank Report with Revision History, Accession No. C58846, Kohara, Y. <i>et al.</i> (September 1997).
	AS	17	NCBI Entrez, GenBank Report with Revision History, Accession No. C59317, Kohara, Y. <i>et al.</i> (September 1997).
MS	AT	17	NCBI Entrez, GenBank Report with Revision History, Accession No. C59311, Kohara, Y. <i>et al.</i> (September 1997).

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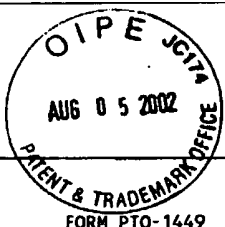
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MB	AR	18	NCBI Entrez, GenBank Report with Revision History, Accession No. AA605609, Clark, M. <i>et al.</i> (September 1997).
	AS	18	NCBI Entrez, GenBank Report with Revision History, Accession No. AA621871, NCI-CGAP (October 1997).
MB	AT	18	NCBI Entrez, GenBank Report with Revision History, Accession No. AA621888, NCI-CGAP (October 1997).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>19</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA675470, Marra, M. <i>et al.</i> (November 1997).
	AS	<u>19</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA675519, Marra, M. <i>et al.</i> (November 1997).
	AT	<u>19</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA838994, Marra, M. <i>et al.</i> (February 1998).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MMB</i>	AR	<u>20</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. H35048, Lee, N.H. <i>et al.</i> (April 1998).
	AS	<u>20</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. AA906051, NCI-CGAP (May 1998).
<i>MMB</i>	AT	<u>20</u>	NCBI Entrez, GenBank Report with Revision History, Accession No. C78836, Ko, M.S.H. <i>et al.</i> (June 1998).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>mm3</i>	AR	<u>21</u>	English language translation of JP 7-345689 (Document AM3).
	AS	<u>21</u>	English language translation of JP 8-103240 (Document AN3).
<i>mm3</i>	AT	<u>21</u>	English language translation of JP 8-214378 (Document AN4).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MJB	AR	22	English language translation of WO 97/20929 (Document AL5).
	AS	22	Dialog File 351, Accession No. 12329483, Derwent WPI English language abstract for JP 10-330283 (Document AL6).
MJB	AT	22	Dialog File 351, Accession No. 12294894, Derwent WPI English language abstract for JP 10-330284 (Document AM6).

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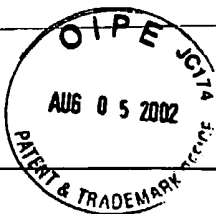
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<i>ms</i>	AR	23	Dialog File 351, Accession No. 12303256, Derwent WPI English language abstract for JP 10-330285 (Document AN6).
	AS	23	International Search Report for International Application No. PCT/US95/01790, mailed June 7, 1995.
<i>ms</i>	AT	23	Copy of Co-pending U.S. Application No. 09/248,998, filed February 12, 1999, Jimenez <i>et al.</i>

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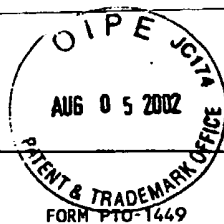
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	AR	<u>24</u>	Copy of Co-pending U.S. Application No. 09/345,373, filed July 1, 1999, Ruben <i>et al.</i>
	AS	<u>24</u>	Copy of Co-pending U.S. Application No. 09/585,541, filed June 2, 2000, Gentz <i>et al.</i>
	AT	<u>24</u>	Copy of Co-pending U.S. Application No. 09/610,651, filed June 30, 2000, Ruben <i>et al.</i>

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	AN						Yes No
	AO						Yes No
	AP						Yes No

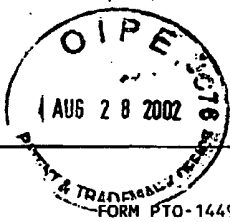
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>ms</i>	AR	<u>25</u>	Copy of Co-pending U.S. Publication No. US 2002/0016295 A1, published February 7, 2002 (U.S. Application No. 09/853,666, filed May 14, 2001), Gentz <i>et al.</i>
	AS	<u>25</u>	Copy of Co-pending U.S. Application No. 10/075,446, filed February 15, 2002, Ruben <i>et al.</i>
<i>ms</i>	AT	<u>25</u>	Copy of pages 1-75 (pages 1 and 2 partially redacted), portion of Table 2 and SEQ IS NO:40589 of non published co-pending U.S. Application No. 09/912,292, Rosen <i>et al.</i>

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FIRST SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

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APPLICATION NO.
10/035,212

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Ruben et al.

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FOREIGN PATENT DOCUMENTS

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	AM1						Yes No
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	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MB	AR	27	English language translation of JP 10-330285 (Document AN6).
	AS	2	
	AT	2	

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FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1488.0360000/EKS/PAJ	APPLICATION NO. 10/035,212
	APPLICANT Ruben <i>et al.</i>	
	FILING DATE January 4, 2002	GROUP 1642

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	26	Copy of co-pending Non-Provisional U.S. Patent Application No. 10/194,443, Laird, M.W., filed July 12, 2002 (NOT PUBLISHED).
	AS	26	English language translation of JP 10-330283 (Document AL6).
	AT	26	English language translation of JP 10-330284 (Document AM6).

EXAMINER	DATE CONSIDERED
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